## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	105	(600/319).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 17:51
L2	648	(606/46).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 17:51
S1	278208	spectrometer (light \$sensor) (light near detector) ((optical optic) near (sensor detector)) photo \$detector photo \$sensor	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 14:06
S2	318243	(optical optic light wave) near (fiber guide cable)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 14:07
S3	1173900	electrode needle	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 14:08
S4	2001253	catheter cannula tube (sheath near tubular) probe	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 14:10
<b>S</b> 5	10065	S1 S2 S3 S4	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/07 14:10
S7	4331393	plurality array	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 14:11
S8	29	("4967745"   "5672173"   "5672174"   "5728143"   "5782827"   "5800484"   "5863290"   "5913855"   "5925042"   "5928229"   "5935123"   "5951547"   "5980517"	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 14:13

		"6053937"   "6059780"   "6071280"   "6080150"   "6090105"   "6235023"   "6330478"   "6377841"   "6471698"   "65501311"   "6569159"   "6584339"   "6605085"   "6622731").PN.				
S9	298	S1 S2 S3 S4	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/07 14:23
S11	911047	electrode (rf near energy) radio \$frequency	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 14:28
S12	8620	S11 S1 S2 S4	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/07 14:29
S13	127	(S1 same S2) and (S11 same (ablative ablation)) and (S4 same S2 same S11)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 14:30
S14	11	(US-20090076497-\$ or US-20020026188-\$ or US-20020026127-\$ or US-20020128691-\$ or US-20060200049-\$).did. or (US-5824026-\$ or US-5836946-\$ or US-6174291-\$ or US-6228076-\$ or US-6287765-\$ or US-6869430-\$).did.	US-PGPUB; USPAT	OR	ON	2009/07/07 17:29

S15	29	("4967745"   "5672173"   "5672174"   "5728143"   "5782827"   "5800484"   "5810804"   "5863290"   "5913855"   "5925042"   "5925042"   "5935123"   "5935123"   "5980517"   "6053937"   "6059780"   "6071280"   "6071280"   "6080150"   "6030478"   "6330478"   "6377841"   "6471698"   "6551311"   "6569159"   "6584339"   "6584339"   "6605085"   "6622731").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07
S16	40	S14 xor S15	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/07 17:29
S17	0	S16 and halogen transparent	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/07 17:30
S18	4	S16 and (halogen or transparent)	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/07 17:30
S19	0	S16 and (halogen)	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/07 17:46
S20	278208	spectrometer (light \$sensor) (light near detector) ((optical optic) near (sensor detector)) photo \$detector photo \$sensor	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 17:47

S21	318243	(optical optic light wave) near (fiber guide cable)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 17:47
S22	2001253	catheter cannula tube (sheath near tubular) probe	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 17:47
S23	3776	S20 S21 S22 and halogen	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/07 17:47
S24	1132	(S20 same S21) and (S21 same S22) and halogen	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/07 17:52
S25	4591	(606/2-15).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 15:52
S26	11	(US-20090076497-\$ or US-20020026188-\$ \$ or US-20020026127-\$ or US-20020128691-\$ or US-20060200049-\$ \$).did. or (US-5824026-\$ or US-5836946-\$ or US-6174291-\$ or US-628076-\$ or US-6287765-\$ or US-6869430-\$).did.	US-PGPUB; USPAT	OR	ON	2009/07/09 15:58
S27	278501	spectrometer (light \$sensor) (light near detector) ((optical optic) near (sensor detector)) photo \$detector photo \$sensor	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 15:58
S28	318599	(optical optic light wave) near (fiber guide cable)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 15:58
S29	2002614	catheter cannula tube (sheath near tubular) probe	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 15:58
S30	911849	electrode (rf near energy) radio \$frequency	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 15:58
S31	8634	S30 S27 S28 S29	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/09 15:58

S32	11	S31 and S26	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 15:58
S33	29	("4967745"   "5672173"   "5672174"   "5728143"   "5782827"   "5800484"   "5863290"   "5913855"   "5925042"   "5925042"   "5935123"   "5935123"   "5980517"   "6053937"   "6059780"   "6071280"   "6090105"   "6330478"   "6377841"   "6471698"   "6551311"   "6569159"   "6584339"   "6605085"   "66022731").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 15:59
S34	87	S33 xor6	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 15:59
<b>S</b> 35	40	S33 xor S26	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 15:59
S36	1	("4967745").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 10:46
S37	1	("4591752").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:07
S38	411303	halogen	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 11:15
<b>S</b> 39	5790	halogen near light	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 11:15

S40	319158	(optical optic light wave) near (fiber guide cable)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 11:15
S41	949	S39 same S40	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 11:15
S42	348	(S39 same S40) and (medical surgical)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 11:16
S43	728502	(light optical optic spectrum spectral) with (sens\$5 detect \$3 monitor\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 11:25
S44	2583	(606/32-40).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:26
S45	5894929	catheter cannula tube (sheath near tubular) probe \$scope \$scopic	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 11:27
S46	278962	spectrometer (light \$sensor) (light near detector) ((optical optic) near (sensor detector)) photo \$detector photo \$sensor	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 11:27
S47	1176335	electrode needle	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 11:27
S48	2004664	catheter cannula tube (sheath near tubular) probe	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 11:27
S49	2852	S46 S45 S47 S48	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/20 11:27
S50	916689	electrode (rf near energy) radio \$frequency (electrical near stimulat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 11:29

## 8/19/2009 5:51:28 PM

 $\textbf{C:} \ \, \textbf{Documents} \ \, \textbf{and Settings} \\ \ \, \textbf{jlipitz} \\ \ \, \textbf{My Documents} \\ \ \, \textbf{EAST} \\ \ \, \textbf{Workspaces} \\ \ \, \textbf{Optical app for guided liver tumor treatment.wsp} \\$